

References :

1. Barker, D. D., H. Wu, S. Hartung, M. Breindl, and R. Jaenisch. 1991. Retrovirus-induced insertional mutagenesis: mechanism of collagen mutation in Mov13 mice. *Mol. Cell Biol.* 11:5154-5163.
2. Choi, S. Y., and D. V. Faller. 1994. The long terminal repeats of a murine retrovirus encode a trans-activator for cellular genes. *J. Biol. Chem.* 269:19691-19694.
3. Choulika, A., A. Perrin, B. Dujon, and J. F. Nicolas. 1994. Site-specific induction of homologous recombination in mammalian cells by I-Sce I system of *Saccharomyces cerevisiae*. Submitted to Science
4. Choulika, A., A. Perrin, B. Dujon, and J. F. Nicolas. 1995. Induction of homologous recombination in mammalian chromosomes by using the I-Sce I system of *Saccharomyces cerevisiae*. *Mol. Cell Biol.* 15:1968-1973.
5. Chu, T.-H. T., and R. Dornburg. 1995. Retroviral vector particles displaying the antigen-binding site of an antibody enable cell-type-specific gene transfer. *J. Virol.* 69:2659-2663.
6. Church, G. M., and W. Gilbert. 1984. Genomic sequencing. *Proc. Natl. Acad. Sci. USA* 81:1991-1995.
7. Eychene, A., C. Bechade, M. Marx, D. Laugier, P. Dezelee, and G. Calothy. 1990. Molecular and biological properties of c-mil transducing retroviruses generated during passage of Rous-associated virus type 1 in chicken neuroretina cells. *J Virol* 64:231-8.
8. Felder, M. P., A. Eychene, J. V. Barnier, I. Calogeraki, G. Calothy, and M. Marx. 1991. Common mechanism of retrovirus activation and transduction of c-mil and c-Rmil in chicken neuroretina cells infected with Rous-associated virus type 1. *J Virol* 65:3633-40.
9. Feuer, G., M. Taketo, R. C. Hanecak, and H. Fan. 1989. Two blocks in Moloney murine leukemia virus expression in undifferentiated F9 embryonal carcinoma cells as determined by transient expression assays. *J. Virol.* 63:2317-2324.
10. Flanagan, J. R., K. G. Becker, D. L. Ennist, S. L. Gleason, P. H. Driggers, B. Z. Levi, E. Appella, and K. Ozato. 1992. Cloning of a negative transcription factor that binds to upstream conserved region of Moloney murine leukemia virus. *Mol. Cell Biol.* 12:38-44.
11. Gama Sosa, M. A., D. H. Rosas, R. DeGasperi, E. Morita, M. R. Hutchinson, and R. Ruprecht. 1994. Negative regulation of the 5' long terminal repeat (LTR) by the 3' LTR in the murine proviral genome. *Mol. Cell Biol.* 68:2662-2670.
12. Graham, F. L., and A. J. van der Eb. 1973. A new technique for the assay of infectivity of human adenovirus 5 DNA. *Virology* 52:456-467.

13. Gu, H., Y. R. Zou, and K. Rajewsky. 1993. Independent control of immunoglobulin switch recombination at individual switch regions evidenced through Cre-loxP-mediated gene targeting. *Cell* 73:1155-1164.
14. Hanley, T., and J. P. Merlie. 1991. Transgene detection in unpurified mouse tail DNA by polymerase chain reaction. *BioTechniques* 10:56.
15. Hantzopoulos, P. A., B. A. Sullenger, G. Ungers, and E. Gilboa. 1989. Improved gene expression upon transfer of the adenosine deaminase minigene outside the transcriptional unit of a retroviral vector. *Proc. Natl. Acad. Sci. USA* 86:3519-3523.
16. Hoebe, R. C., A. A. Migchielsen, d. J. R. van, O. H. van, and d. E. A. van. 1991. Inactivation of the Moloney murine leukemia virus long terminal repeat in murine fibroblast cell lines is associated with methylation and dependent on its chromosomal position. *J Virol* 65:904-12.
17. Joyner, A. L. 1991. Gene targeting and gene trap screens using embryonic stem cells : New approaches to mammalian development. *BioEssays* 13:649-656.
18. Kasahara, N., A. M. Dozy, and Y. W. Kan. 1994. Tissue-specific targeting of retroviral vectors through ligand-receptor interactions. *Science* 266:1373-1376.
19. Kilby, N. J., M. R. Snaith, and J. A. H. Murray. 1993. Site-specific recombinases : tools for genome engineering. *Reviews* 9:413-421.
20. Linney, E., B. Davis, J. Overhauser, E. Chao, and H. Fan. 1984. Non-function of Moloney murine leukaemia virus regulatory sequence in F9 embryonal carcinoma cells. *Proc. Natl. Acad. Sci. USA* 84:3748-3752.
21. Lockett, M., M. Aboud, and R. M. Flugel. 1993. Increase in the basal transcriptional activity of the human foamy virus internal promoter by the homologous long terminal repeat promoter in cis. *NAR* 21:4226-4230.
22. Loh, T. P., L. L. Sievert, and R. W. Scott. 1988. Negative regulation of retrovirus expression in embryonal carcinoma cells mediated by an intragenic domain. *J. Virol.* 62:4086-4095.
23. Loh, T. P., L. L. Sievert, and R. W. Scott. 1990. Evidence for a stem cell-specific repressor of moloney murine leukemia virus expression in embryonal carcinoma cells. *Mol. Cell. Biol.* 10:4045-4057.
24. Loh, T. P., L. L. Sivert, and R. W. Scott. 1987. Proviral sequences that restrict retroviral expression in mouse embryonal carcinoma cells. *Mol. Cell. Biol.* 7:3775-3784.
25. Mann, R., R. C. Mulligan, and D. Baltimore. 1983. Construction of a retrovirus packaging mutant and its use to produce helper-free defective retrovirus. *Cell* 33:153-160.

26. Mansour, S. L., K. R. Thomas, and C. M.R. 1988. Disruption of the proto-oncogene int-2 in mouse embryo-derived stem cells : a general strategy for targeting mutations to non-selectable genes. *Nature* 336:348-352.
27. Miller, A. D., D. R. Trauber, and C. Buttimore. 1986. Factors involved in the production of helper virus-free retrovirus vector. *Somatic Cell. Mol. Genet.* 12:175-183.
28. Morgan, R. A., L. Couture, O. Elroy-Stein, J. Ragheb, B. Moss, and W. F. Anderson. 1992. Retroviral vectors containing putative internal ribosome entry sites: développement of a polycistronic gene transfer and applications to human gene therapy. *N.A.R.* 20:1293-1299.
29. Nicolas, J. F., and C. Bonnerot. 1993. Répression et activation des rétrovirus murins dans les cellules totipotentes. *Médecine/Sciences* 9:191-197.
30. Nicolas, J. F., and J. Rubenstein. 1987. Retroviral vectors, p. 493-512. *In* E. Biotechnology series - Julian E. Davies (ed.), *Vectors : A survey of molecular cloning vectors and their uses*. Butterworths, Boston London Durban Singapore Sydney Toronto Wellington.
31. Pear, W. S., G. P. Nolan, M. L. Scott, and D. Baltimore. 1993. Production of high-titer helper-free retroviruses by transient transfection. *Proc. Natl. Acad. Sci. USA.* 90:8392-8396.
32. Peters, G., A. E. Lee, and C. Dickson. 1986. Concerted activation of two potential proto-oncogenes in carcinomas induced by mouse mammary tumour virus. *Nature* 320:628-631.
33. Petersen, R., G. Kempler, and E. Barklis. 1991. A stem cell-specific silencer in the primer-binding site of a retrovirus. *Mol. Cel. Biol.* 11:1214-1221.
34. Pulsinelli, G. A., and H. M. Temin. 1991. Characterization of large deletions occurring during a single round of retrovirus vector replication : novel deletion mechanism involving errors in strand transfer. *J. Virol.* 65:4786-4797.
35. Reddy, S., J. V. DeGregori, H. Von Melchner, and H. E. Ruley. 1991. Retrovirus promoter-trap vector to induce LacZ gene fusions in mammalian cells. *J. Virol.* 65:1507-1515.
36. Reddy, S., H. Rayburn, V. M. H., and R. H. E. 1992. Fluorescence-activated sorting of totipotent embryonic stem cells expressing developmentally regulated *lacZ* fusion genes. *Proc. Natl. Acad. Sci.* 89:6721-6725.
37. Rubenstein, J., J. F. Nicolas, and F. Jacob. 1984. Construction of a retrovirus capable of transducing and expressing genes in multipotential embryonic cells. *Proc. Natl. Acad. Sci. USA* 81:7137-7140.

38. Sanes, J., J. Rubenstein, and J. F. Nicolas. 1986. Use of a recombinant retrovirus to study post-implantation cell lineage in mouse embryos. *EMBO J.* 5:3133-3142.
39. Sauer, B. 1987. Functional expression of the *cre-lox* site-specific recombination system in the yeast *Saccharomyces cerevisiae*. *Mol. Cel. Biol.* 7:2087-2096.
40. Sauer, B., and N. Henderson. 1988. Site-specific DNA recombination in mammalian cells by the Cre recombinase of bacteriophage P1. *Proc. Natl. Acad. Sci. USA* 85:5166-5170.
41. Savatier, N., D. Rocancourt, C. Bonnerot, and J.-F. Nicolas. 1989. A novel system for screening antiretroviral agents. *J. Virol.* 26:229-236.
42. Shafer, G. E., D. W. Emery, K. Gustafsson, S. Germana, W. F. Anderson, D. H. Sachs, and C. LeGuern. 1991. Expression of a swine class II gene in murine bone marrow hematopoietic cells by retroviral mediated gene transfer. *Proc. Natl. Acad. Sci. USA* 88:9760-9764.
43. Sternberg, N., B. Sauer, R. Hoess, and K. Abremski. 1986. Bacteriophage P1 *cre* gene and its regulatory region. Evidence for multiple promoter and for regulation by DNA methylation. *J. Mol. Biol.* 187:197-212.
44. Stevenson, M., S. Haggerty, C. A. Lamonica, C. M. Meier, S. K. Welch, and A. J. Wasiak. 1990. Integration is not necessary for expression of human immunodeficiency virus type 1 protein products. *J. Virol.* 64:2421-2425.
45. Stuhlmann, H., and P. Berg. 1992. Homologous recombination of copackaged retrovirus RNAs during revers transcription. *J. Virol.* 66:2378-2388.
46. Swanstrom, R., R. C. Parker, H. E. Varmus, and J. M. Bishop. 1983. Transduction of a cellular oncogene : the genesis of Rous sarcoma virus. *Proc. Natl. Acad. Sci. USA* 80:2519-2523.
47. Takeuchi, Y., G. Simpson, R. G. Vile, R. A. Weiss, and M. K. Collins. 1992. Retroviral pseudotypes produced by rescue of a Moloney murin leukemia virus vector by C-type, but not D-type, retrovirus. *Virology* 186:792-794.
48. Trambly, P. J., C. A. Kozak, and P. Jolicœur. 1992. Identification of a novel gene, *Vin-1*, in murine leukemia virus-induced T-cell leukemias by provirus insertional mutagenesis. *J. Virol.* 66:1344-1353.
49. Trusko, S. P., E. K. Hoffman, and D. L. George. 1989. Transcriptional activation of cKi-ras proto-oncogene resulting from retroviral promoter insertion. *N.A.R.* 17:9259-9265.
50. Varela-Echavarria, A., C. M. Prorock, Y. Ron, and J. P. Dougherty. 1993. High rate of genetic rearrangement during replication of Moloney murin leukemia virus-based vector. *J. Virol.* 67:6357-6364.

51. von Melchner, H., and H. E. Ruley. 1989. Identification of cellular promoters by using a retrovirus promoter trap. *J. Virol.* 63:3227-3233.
52. Weiss, R., N. Teich, H. Varmus, and J. Coffin. 1985. RNA tumor viruses., p. 1222. (ed.), *Molecular Biology of tumor viruses*. Cold Spring Harbor Laboratory.,
53. Yee, Y. K., J. C. Moores, D. J. Jolly, J. A. Wolff, J. G. Respass, and T. Friedmann. 1987. Gene expression from transcriptionally disabled retroviral vectors. *Proc. Natl. Acad. Sci. USA* 84:5197-5201.